Supplement for Apple IIGS® Computers: Setting Up LogoWriter GS

Note: LogoWriter GS uses the GS/OS™ operating system, and works on GS's that have at least 512K of memory, and ROM version 01 or greater.

Section A: Preparing a LogoWriter GS Disk

If you intend to use LogoWriter GS on an AppleShare® network, or print to a networked ImageWriter II®, skip this section.

Part 1: Making a Working Copy

Step 1. Write-protect your original disk.

First, write-protect the original LogoWriter disk by moving the small plastic slide on the corner of the disk so that you can see through the hole. This will protect you from accidentally erasing the original disk.

Step 2. Copy the original LogoWriter disk.

Method 1: Using GS/OS. Start your GS with the GS/OS System.Disk and use the Finder to make a duplicate of the original LogoWriter disk. Your GS documentation explains how to do this. If you do not have GS/OS, you can obtain it from your dealer. Note that the original LogoWriter disk does not have the Finder on it.

Method 2: If you do not have GS/OS, you can use any ProDOS®-based copy program, such as System Utilities from Apple®, to copy the disk. You should use the Copy a Volume option to do this rather than trying to copy individual files.

Step 3. Label your working disk.

Put a label on the disk you just made: "LogoWriter GS - Working Copy".

Step 4. Store your original disk.

Put away your original LogoWriter disk in a safe place and continue with the working copy you have just made.

Part 2: Setting Up LogoWriter for Your Printer

LogoWriter GS works with the built-in printer port on the GS, and with serial and parallel printer interface cards that are compatible with Apple's standards. No interface card drivers are required. ImageWriter®, ImageWriter II, and Epson® printers are supported, as well as printers compatible with any of these. Color printing on the ImageWriter II is available. However, it is necessary to set up LogoWriter for your printer.

Step 1. Start up LogoWriter.

Start the computer with your working disk (which you have just prepared). When you see the LogoWriter splash screen, press **Return**.

Step 2. Select the Setup.printer page.

Contents shows you the names of all LogoWriter pages on the disk. Using the **arrow** keys, select the page called Setup.printer and press **Return**.

Step 3. Choose your printer.

The Setup.printer page has instructions showing the names of several printers. Each printer has a word associated with it:

ImageWriter	(for black and white printing on the ImageWriter or ImageWriter II)
Epson	(for black and white printing on Epson and compatibles)
Color.Image	(for color printing on the ImageWriter II)

Type the word that matches your printer and press **Return**. The disk will be configured for your printer.

If you are using the built-in printer port, or your printer card is in slot 1, press **Escape** to go to Contents. You can skip now to Part 3, Testing Your Printer Setup.

Step 4. Set the printer slot number.

The default printer slot is slot 1. This works for the built-in printer port, and printer cards in slot 1. In most cases, you need not change the printer slot.

If you are using a printer interface card that is not in slot 1, type:

setprinterslot *slotnumber*

Now your disk is configured for printing on your system.

Step 5. Press Escape to go to Contents.

Part 3: Testing Your Printer Setup

Step 1. Check the printer slot.

Make sure that you have set your printer slot correctly, using the GS Control Panel. The Control Panel is described in your GS documentation. Remember to restart the GS after making any changes in the Control Panel.

Step 2. Start up LogoWriter.

Insert your configured working disk into the drive and turn on the computer. Press **Return** when you see the LogoWriter splash screen.

Step 3. Turn on the printer.

Turn on the printer only after you are looking at Contents. (This is the best sequence for turning on the computer and printer.) Make sure the printer is selected.

Step 4. Print text and graphics.

On Contents, select New Page and press **Return**. Type the following:

```
print "hello          Return
fd 100               Return
printtext            Return
printscreen          Return
```

- If you obtained printed text in the first case, and text combined with graphics in the second, then your printer setup is working.

- If you did not get any printout, or the GS locked up, then most likely something is wrong with the LogoWriter printer slot setting, or with the Control

Panel slot setting. Type **show .version** to check the printer you are working with. Go back to Part 2, Setting Up LogoWriter for Your Printer, and carefully follow the steps again.

• If you obtained text printout after **printtext**, but no graphics printout after **printscreen**, then you may have selected the wrong printer (eg., Epson instead of ImageWriter). If after retracing your steps LogoWriter still doesn't print properly, contact LCSI Technical Support.

Note: The LogoWriter GS disk has so much space available that you don't really need a separate scrapbook (data) disk. If you wish to create scrapbook disks to use with the LogoWriter GS disk, just use GS/OS to format the disk. Any GS/OS formatted disk works with LogoWriter.

To use a scrapbook disk with LogoWriter, do not press **Return** when you see the LogoWriter splash screen. Instead, remove the LogoWriter GS program disk and insert the scrapbook disk. Press **Return.**

Section B: Installing LogoWriter GS on an AppleShare Server

In order for LogoWriter GS to be used on an AppleShare Server, the server must have been updated with the latest system files; that is, GS/OS version 5.0.2 or later. GS/OS comes with documentation that explains how to update your server. The original LogoWriter GS disk does not have the files you need to update your server. You can obtain GS/OS disks from your Apple dealer.

Part 1: Making a Working Copy

Follow the instructions in the previous section. Note that you can also use the Finder from the server if this is convenient.

Part 2: Setting Up LogoWriter for Your Printer

LogoWriter GS works with networked AppleShare printers, the built-in printer port on the GS, and with serial and parallel printer interface cards that are compatible with Apple's standards. No interface card drivers are required. ImageWriter, ImageWriter II, and Epson printers are supported, as well as printers compatible with any of these. Color printing on the ImageWriter II is available. You can print to the ImageWriter II with an AppleTalk® card over the AppleShare network. It is also possible to print to a LaserWriter®. Before installing LogoWriter on the server however, you will have to set up your working disk for your printer.

Follow the instructions in Section A, above. Note that if you will be printing to a printer over the network, you must set the printer slot number (Part 2, Step 4) as follows:

setprinterslot 0

This tells LogoWriter that you are using a network for printing.

Part 3: Installing LogoWriter on the Server

You should have prepared a working LogoWriter disk configured for printing according to the above instructions.

Login to the network from a GS using the system administrator name and password. Create a directory called /GSLOGOWR on the server.

Using the Finder, copy the following files from your configured LogoWriter disk into the /GSLOGOWR directory:

LOGOWR.SYS16
LOGOWR
SPLASH.SCREEN
HELP
SHAPES.SHP
GS.PRINTER

Method 1: Students save pages (files) in their own subdirectories.

LogoWriter is best used on AppleShare from the Aristotle™ menu system.

Step 1. Install LogoWriter as an application.

Install LogoWriter as an application in Aristotle following the directions in the Aristotle documentation. The program name is LOGOWR.SYS16. In the area for current prefix for the Application, do not enter anything. Aristotle will ask you whether it should use the User's Default Prefix or the Application Prefix when running LogoWriter. Select User's Default Prefix.

Step 2. Enter the Administration.

Leave the Aristotle administration program. Log off the workstation. Go to the Mac® Server and enter the Administration program. You need the Admin password to do this.

Step 3. Modify the access rights.

Using the Folder menu item, modify the access rights for the /GSLOGOWR folder so that all users can see files, but only the Owner (System Administrator in this case) can make changes.

Step 4. Set up a subdirectory for each user.

Now, for each user, modify the Apple II Startup Info as follows: Set the User Default Prefix to be the subdirectory which corresponds to the user's name; i.e., the User Default Prefix for George would be /USERS/GEORGE.

These subdirectories are automatically created by AppleShare when each User Name is created.

If you follow the above instructions, each user will be able to save LogoWriter pages in his or her own subdirectory.

You may want to copy the HELP and SHAPES.SHP files from the /GSLOGOWR directory into the directory of each student who will use LogoWriter GS. You can use the Finder to do this.

Method 2: Students save their pages (files) on their own scrapbook disks.

LogoWriter is best used on AppleShare from the Aristotle menu manager.

Step 1. Install LogoWriter as an application.

Install LogoWriter as an application in Aristotle following the directions in the documentation. The program name is LOGOWR.SYS16. In the area for current prefix for the Application, do not enter anything. Aristotle will ask you whether it should use the User's Default Prefix or the Application Prefix when running LogoWriter. Select Application Prefix.

Step 2. Login as the System Administrator.

Login to a GS workstation as the System Administrator. From the Finder, open the /GSLOGOWR Finder. Double-click on the LOGOWR.SYS16 file icon.

Step 3. Create a new page.

On Contents, select New Page, and press **Return**. Go to the flip side (press the flip keys Ó-F), and enter the following LogoWriter procedure:

```
to startup
setprefix "/SCRAPBOOK
getshapes
cp
contents
end
```

Press the **flip** keys (Ó-F) to flip back to the front side.

Step 4. Name the page Startup.

Type the following:

```
namepage "startup
bye
```

The Startup page should now be saved in the /GSLOGOWR folder.

Step 5. Format a disk.

Now, using the Finder, format a disk called /SCRAPBOOK. Copy onto this disk the files HELP and SHAPES from the LogoWriter directory. Make a copy of this disk for each user who will be using LogoWriter. Note that the Finder does not allow two disks simultaneously with the same name, so if using the Finder to copy, call it /SCRAPBOOK.COPY temporarily. Later, it must be renamed /SCRAPBOOK.

When students wish to use LogoWriter, have them put their scrapbook disks in the drive and select LogoWriter GS from the Aristotle menu. Their pages will be saved on their disks.

To leave LogoWriter and return to Aristotle, type **bye** in the command center.

Part 4: Testing Your Printer Setup

Follow the instructions in Section A, Part 3, except for the following:

Step 1: Start your GS so that it boots from the server.

Step 2: When you see the Aristotle menu, select LogoWriter.

Type **bye** to return to Aristotle when you have finished trying the printer.

Section C: Preparing LogoWriter GS for Use With Networked Printers Without a Server

Some users use several GS's connected with LocalTalk™ (AppleTalk) cable to an ImageWriter II. No server is required. The ImageWriter II must be equipped with a LocalTalk card. You must have GS/OS version 5.0.2 or later. Your Apple dealer can supply you with GS/OS.

Part 1: Making a Working Copy

Follow the instructions in Section A, Part 1.

Part 2: Setting Up LogoWriter for Your Printer

LogoWriter GS works with networked printers, the built-in printer port on the GS, and with serial and parallel printer interface cards that are compatible with Apple's standards. No interface card drivers are required. ImageWriter, ImageWriter II, and Epson printers are supported, as well as printers compatible with any of these. Color printing on the

ImageWriter II is available.You can print to the ImageWriter II with AppleTalk card over the AppleShare network or a LocalTalk network without a server. It is also possible to print to a LaserWriter.

First, you must set up your working LogoWriter disk for your printer. Follow the instructions in Section A, Part 2. For printing with a LocalTalk network, the name of the printer you will choose is either **imagewriter** or **color.image**. Note that if you will be printing to a printer over the network, you must set the printer slot number (Part 2, Step 4) as follows:

setprinterslot 0

This tells LogoWriter that you are using a network for printing.

Second, you must prepare a GS/OS startup disk. Follow the directions in your GS or GS/OS documentation to prepare a GS/OS startup disk for "One or Two Types of Network Printers but not AppleShare Servers." This information may be contained in the main documentation or in a special update supplement. If you have the update, be sure to use those instructions instead.

Make sure the ImageWriter II is connected to the LocalTalk network and is turned on and selected. Start the GS with the GS/OS startup disk that you have just made. Use the Control Panel to set up the GS slots correctly for printing through LocalTalk, and select your ImageWriter II. Your GS documentation explains how to do this.

Part 3: Testing Your Printer Setup

Follow the instructions in Section A, Part 3, except for the following:

Step 1. Start your GS with the GS/OS startup disk that you have just made.

Step 2. Start LogoWriter.

If you have two drives, put the working copy of LogoWriter GS in the second drive. If you have one drive, eject the GS/OS disk, and insert the working LogoWriter GS disk. Double-click on the LOGOWR.SYS16 icon to start LogoWriter.

If you need any further help, please do not hesitate to contact us.

Technical Support Hotline:
(514) 331-2791

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